MICROCIRCUITS PRODUCT MANUAL

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I. MICROCIRCUITS (General)
Fairchild Stocking Distributor List
CCSL Composite Data Sheet (3/67)

II. CμL

CμL 9958	Decade Counter
CμL 9959	Buffer-Storage Element
CμL 9960	Decimal Decoder/Driver
CμL 9989	4-Bit Binary Counter

III. RTμL

RTμL 9900, 9903,) 9904, 9905, 9907,) 9908, 9909, 9910,) 9911, 9912, 9913,) 9914, 9915, 9921,) 9923, 9926, 9927)	Composite Data Sheet - Industrial
RTμL 900, 901,) 902, 903, 904,) 905, 906, 907,) 914, 915, 926,) 927)	Loading Rules for Expanded Operation of Mid-Range Elements with Sliding Voltage Supply
RTμL 9926	JK Flip Flop
RTμL 9997	Four Bit Shift Register
MWμL 908, 902,) 910, 911, 912,) 913, 921)	Milliwatt Micrologic Integrated Circuits

IV. DTμL

DTμL 930, 931,) 932, 933, 944)	Composite Data Sheet - Military
DTμL 930/961,) 946/949, 946/963,) 932, 944, 945,) 951)	Composite Data Sheet - Industrial
DTμL 931	Clocked Flip Flop
DTμL 932/944	Dual Buffer Element & Dual Power Gate Element
DTμL 9942/9951	Monostable Multivibrators
DTμL 9093, 9094,) 9097, 9099)	Dual Monolithic, Clocked JK Flip Flops
DTμL 9111	Parallel Gated-Clocked Flip Flop
LPDTμL 9040,) 9041, 9042)	Low Power Diode Transistor Integrated Circuit

IV. DTμL (Continued)

HLLDTμL 9109	High Voltage HEX Inverter
HLLDTμL 9110	High Voltage HEX Inverter
HLLDTμL 9112	High Voltage HEX Inverter
DTμL 9935	Hex Inverter

V. TTμL

TTμL 9000, 9001,) 9002, 9003, 9004,) 9005, 9006, 9007,) 9008, 9009)	Composite Data Sheet - Military
9016	Hex Inverter
9020	Dual JK$\bar{K}$ Flop-Flop
9022	Dual J$\bar{K}$ Flip-Flop
9601	Retriggerable Monostable Multivibrator

VI. CTμL

CTμL 952 - 957	Composite Data Sheet
CTμL 9952	Dual 2-Input NOR Gate
CTμL 9953-9955,) 9964-9966,) 9971-9972)	AND-OR Gates
CTμL 9956	Dual 2-Input Buffer
CTμL 9957-9967	Flip-Flops

VII. LINEAR

μA702A	High Gain, Wideband DC Amplifier
μA702B	" " " " "
μA702C	" " " " "
μA703	RF-IF Amplifier
μA703C	" "
μA703E	" "
μA709	High Performance Operational Amplifier
μA709A	" " " "
μA709B	" " " "
μA709C	" " " "
μA710	High Speed Differential Comparator
μA710B	" " " "
μA710C	" " " "
μA711	Dual Comparator
μA711C	" "
μA716	Fixed-Gain, Low Distortion Amplifier
μA716C	" " " " "
μA719	High Gain RF Amplifier/FM Detector
μA719C	" " " " " "
μA722	10-Bit Current Source
μA722B	" " " "

VII. LINEAR (Continued)

μA726	Temperature-Controlled Differential Pair
μA726C	" " " "
μA727	Temperature-Controlled Differential Preamplifier
μA730	Differential Amplifier
μA730C	" "
μA737E	Color TV Chroma Demodulator
μA741	High Performance Operational Amplifier
μA741C	" " " "

VIII. CUSTOM

9620	Dual Differential Line Receiver
9621	Dual-Line Driver
9622	Dual Line Receiver
9624/25	Dual CCSL MOS Interface Elements

IX. HYBRIDS

SH2001	High Voltage, High-Current Driver
SH2100	High Current Driver
SH2101	High Voltage Driver
SH3000	High Impedance, Wideband DC Amplifier
SH3001	Analog Switch
SH3002	SPDT Analog Switch
SH3005	High Impedance Differential Comparator
SH3200	Adjustable Positive DC Voltage Regulator
SH3201	Adjustable Negative DC Voltage Regulator

X. MOS IC'S

3100	Five-Input Gate
3101	Dual JK Flip-Flop
3102	3-Input Gate
3250	CRT Numeric Character Generator
3300	25 Bit Static Shift Register
3303	Dual 25-Bit Dynamic Shift Register
3304	Dual 16-Bit Static Shift Registor
3320	64 Bit-40 Shift Register
3501	1024-Bit Static Read-Only Memory
3700	Multiplex Switch
3701	MOS Monolithic 6-Channel Switch
3705	MOS Monolithic 8 Channel Multiplex Switch
3750	10-Bit D/A Converter
3751	12-Bit A/D Converter
3800	8-Bit Parallel Accumulator
3801	10-Bit Serial/Parallel-Parallel/Serial Converter

XI. MEMORY CELLS

MpL 9030	8-Bit Memory Cell
MpL 9033	16-Bit Memory Cell

XII. MSI

9300	4-Bit Shift Register
9301	One-of-Ten Decoder
9304	Dual Full Adder

XII. MSI (Continued)

9306	Up/Down BCD Counter
9307	Seven Segment Decoder
9308	Dual Four-Bit Latch
9309	Dual Four-Input Multiplexer
9312	Eight-Input Multiplexer
9328	Dual 8-Bit Shift Register

XIII. LSI

4501	CCSL Micromatrix Quarter-Cell
4510	CCSL Micromatrix Dual 4-Bit Comparator
4601	TTL Micromatrix Array Internal Quarter-Cell
4610	Dual Two-Variable Function Generator